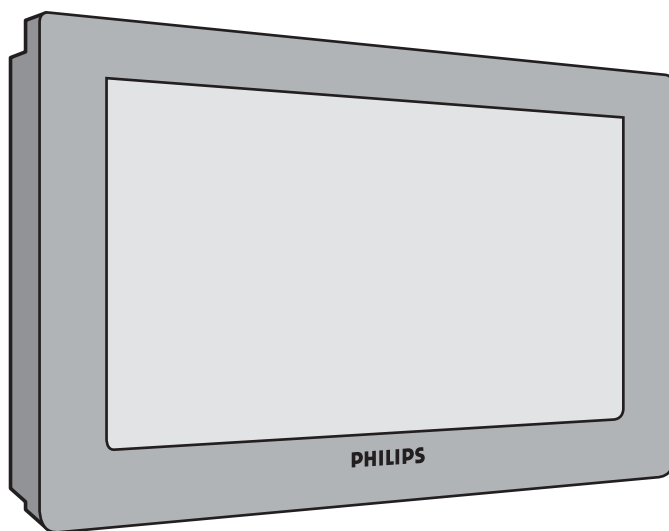


Real Flat Television

29/34PT8845

User manual



PHILIPS

IMPORTANT

Before you begin:

Make sure your package includes the following items: TV and mains cord, remote control, user manual, antenna cable (optional) and Coaxial cable (optional).

Attention:

1. Read your manual first – your Philips TV comes with a well-designed remote control and onscreen display to ensure your TV is easy to operate.
2. The tips provided in this manual will save you time and money as charges for TV installation and adjustments of customer controls are not covered under the warranty.
3. For information outside of this manual, such as sales locations and other Philips products, please visit www.philips.com which will automatically link you to your local Philips website.
4. Please refer to the 'Tips' page before calling for service.
5. In case you need to call for service, we recommend that you call from your room where your TV set is and have your remote control, warranty card, TV model and serial number on hand.
6. Do not throw away packaging materials:
 - without thorough inspection for parts and accessories that may be packed separately inside the carton.
 - during the warranty period should you need to exchange the set.



Recycling:

The materials used in your set are either reusable or can be recycled. To minimise environmental waste, specialist companies collect used appliances and dismantle them after retrieving any materials that can be used again (ask your dealer for further details).

Disclaimer: Graphics in this manual are for illustration purpose and may not represent the actual product

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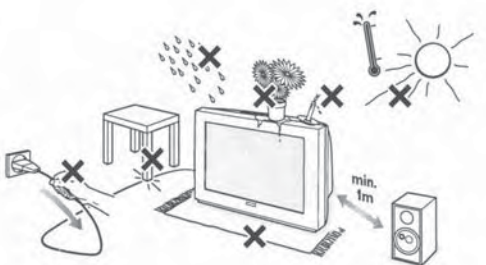
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Safety information

- Remove mains plug when :
 - the indicator light below the TV screen is flashing continuously.
 - a bright white line is displayed across the screen.
 - there is a lightning storm.
 - the set is left unattended for a prolonged period of time.
- cleaning the TV screen. Never use abrasive cleaning agents such as scouring powder. Use a slightly damp chamois leather or soft cloth.
- No naked flame sources, such as lighted candles, should be placed on top of the TV or in the vicinity.
- Do not place your TV set under direct sunlight or heat.
- Leave at least 10 cm around each side of TV set to allow for proper ventilation.
- Avoid placing your set (e.g. near the window) where it is likely to be exposed to rain or water.
- No objects filled with liquids should be placed on top the TV so as to avoid dripping or splashing on the set.



Useful information

- Do not leave your set on standby mode for a prolonged period of time. Switch off set to allow it to be demagnetised. A demagnetised set supports good picture quality.
- Do not shift or move the set around when it is switched on. Unevenness in colour in some parts of the screen may occur.
- Never try to repair a defective TV yourself. Always check with a skilled service personnel.

What's Hot

Picture scanning

Your Philips TV has been built with scanning features to enhance your TV viewing. All you need is to select your desired mode to enjoy sharper and clearer pictures. The description below will help you make your choice.

Auto

If you are undecided of which mode to choose, select Auto and let your TV decide for you automatically!





100 Hz Digital Scan (available only for PAL signal)

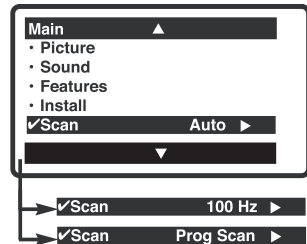
Working with three lines of picture information, the 3-line digital comb filter in the TV virtually eliminates both horizontally and vertically hanging dots, as well as dot crawl.

Progressive Scan

Doubles the vertical resolution of the image to produce a noticeably sharper picture.

How to access

- 1 Press the  key.
The Main Menu will be call up.
- 2 Press the  to select the **Scan** mode.
- 3 Use the  key to select **Auto**, **100 Hz** or **Prog Scan**.
- 4 To quit the menus, press .

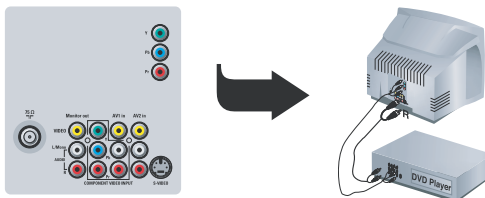


YPbPr Digital High Definition input

When you have a digital equipment with a 480p/576p/720p/1080p/1080i (PAL version) or 480p/720p/1080i/1080p (NTSC version) output (e.g. a digital set top box or Progressive Scan DVD player), connect it to the HD 2Fh input.

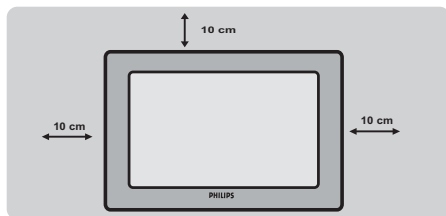
How to access

- 1 Connect the TV's green, blue and red Y Pb Pr (HD in) jacks to the corresponding COMPONENT VIDEO OUT jacks on the equipment.
- 2 Connect the TV's red and white (R and L) AUDIO IN jacks from AV2 IN to the corresponding AUDIO OUT jacks on the player. Match the cable colour to the jacks' colour. The red jack is the Right audio channel and the white jack is the Left audio channel.
- 3 Turn on the TV and the equipment. Set the TV to a channel displayed as **YPbPr** to playback.



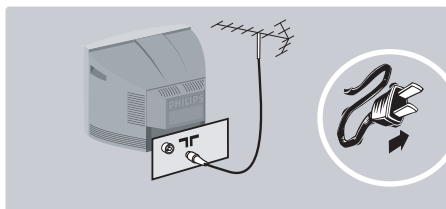
Installing your television set


Positioning the television set



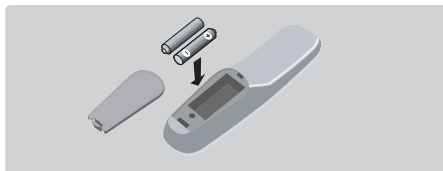
Place your TV on a solid, stable surface, leaving a space of at least 10 cm around the appliance.

Connections



- Insert the aerial plug into the  socket at the rear of the set.
If you are using an indoor aerial, reception may be difficult in certain conditions. You can improve reception by rotating the aerial. If the reception remains poor, you will need to use an external aerial.
- Insert the mains plug into a wall socket.

Remote control

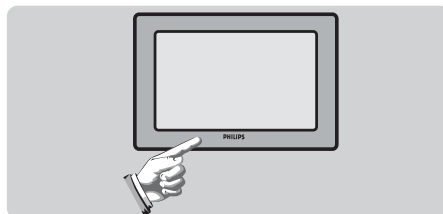


Insert the two AA-sized batteries (supplied) making sure that they are the right way round.

The batteries supplied with this appliance do not contain mercury or nickel cadmium.

If you have access to a recycling facility, please do not throw away your used batteries (if in doubt, consult your dealer).

Switching on



To switch on the set, press the on/off key.

A red indicator means that the television is on standby mode. Refer to the next page on 'Remote Control keys' for the various keys that you can use to switch on the set. An indicator light will flash when it is receiving signal from the remote control.

The keys on the TV set

The television set has 4 keys which are located in front. On some models, the keys are located at the top of the set.



The VOLUME – + keys are used to adjust the sound louder or softer. The CHANNEL \vee \wedge keys are used to change the channels.

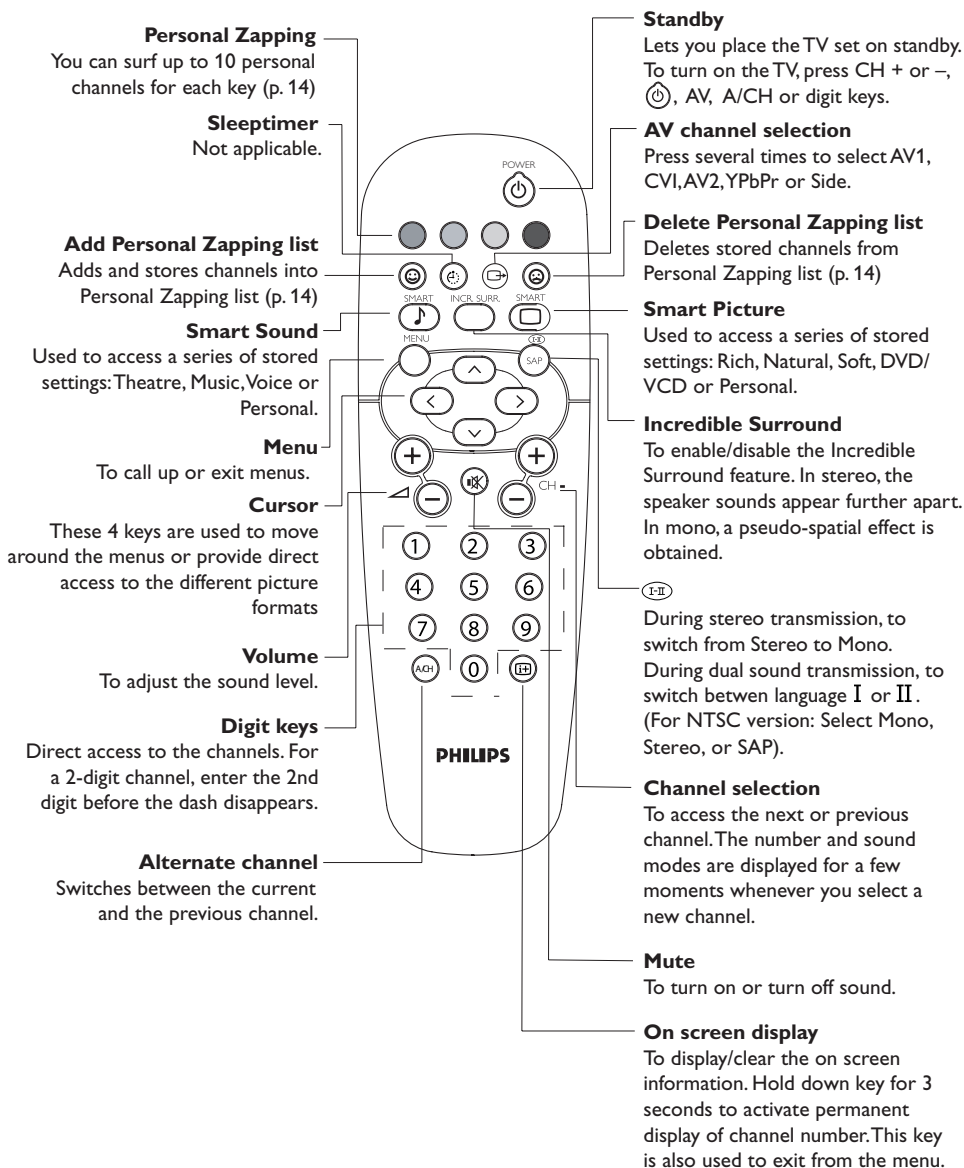
To access or exit the main menu, press down the VOLUME – + keys, simultaneously.

To select an item in the main menu, press the CHANNEL \vee or \wedge key.

To select an adjustment, press down the VOLUME – or + key.

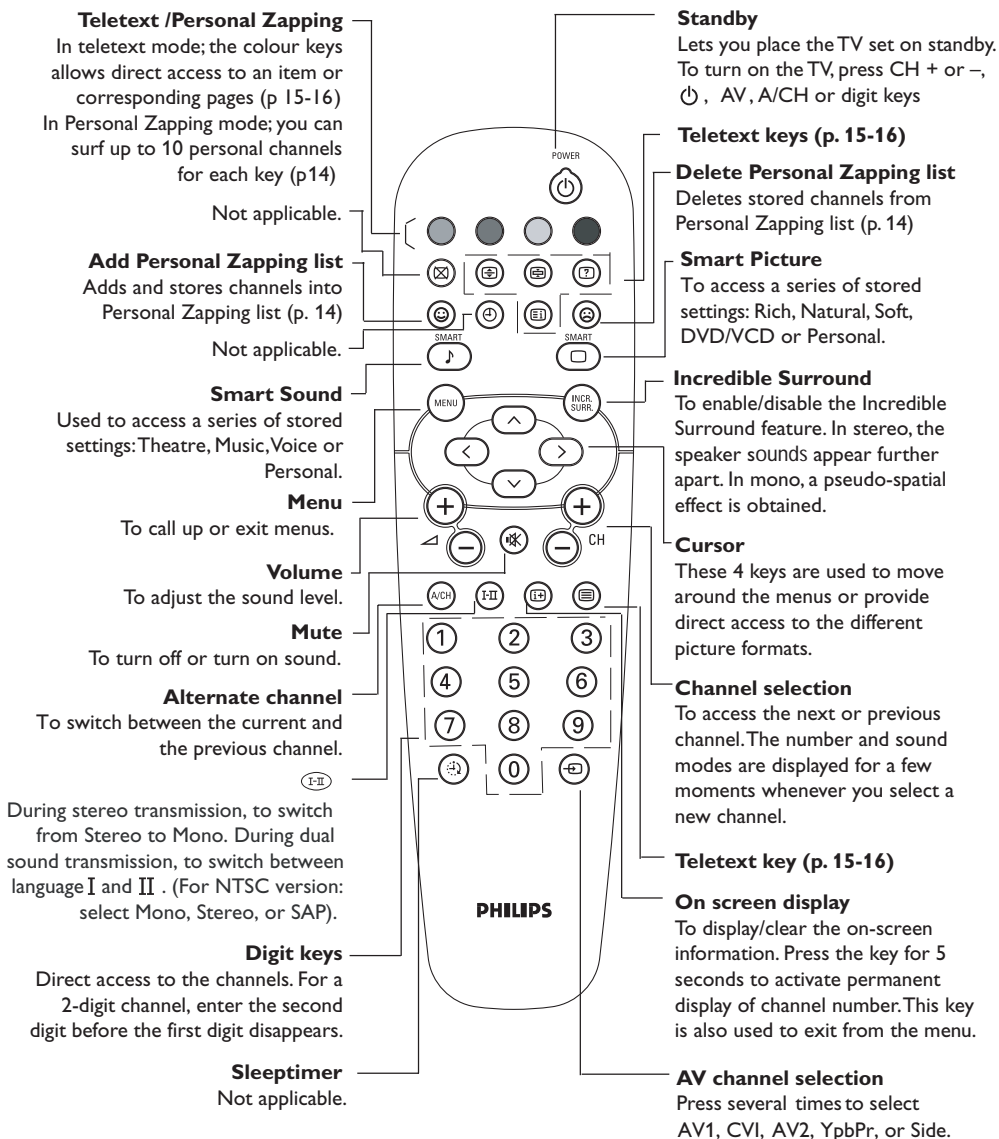
Remote control keys

(Choose the right remote control that came with your TV set)




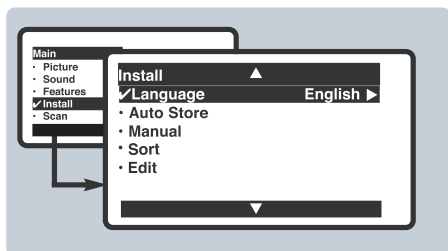
Remote control keys

(Choose the right remote control that came with your TV set)






Language

When there is no signal input to the TV, you may encounter instability of the screen display. In this instance, please use the  key to select an AV channel.



(On screen display may differ from actual TV)

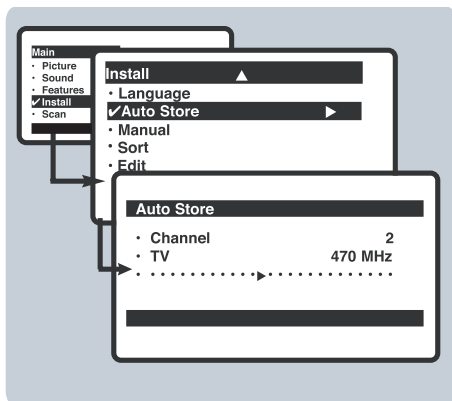
The **Language** feature is used to change the display language for menus.




- 1 Press the  key.
- 2 With the cursor, select the **Install** menu and followed by **Language**.
- 3 Use the  key to select a language of your choice.
- 4 To quit the menus, press .

Auto Store

(applicable to certain TV models only)

This menu is used to store all available channels automatically.




- 1 Press the  key.
- 2 With the cursor, select the **Install** menu and follow by the **Auto Store**.
- 3 Use the  key to start auto store. All the available TV channels will be stored automatically. This operation takes a few minutes. The display shows the progress of the search and the number of channels found.
- 4 To quit the menus, press .

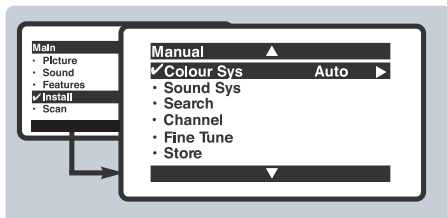
If no channels are found, consult the possible solutions on p.18.



Manual Store



(applicable to certain TV models only)


This menu is used to store channels one at a time.

- 1 Press the  key.
- 2 With the cursor, select the **Install** menu and followed by the **Manual**.









- 3 **Colour Sys(tem)**: use the  or  key to select the desired colour system; **Auto, PAL, NTSC 3.58, NTSC 4.43 and SECAM.**

- 4 **Sound Sys(tem)**: use the  or  key to select the desired sound system; **Auto, BG, I, DK or M.**

- 5 **Search**: press . The search starts. Once a channel is found, the scanning stops. Go to the next step.




If no picture is found, consult the possible solutions ('Tips' page).

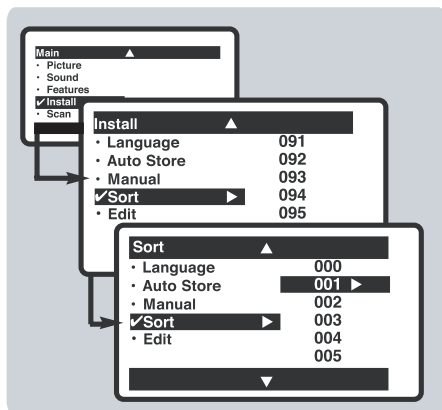
- 6 **Channel**: enter the required channel with the ,  or digit keys.
- 7 **Fine Tune**: if the reception is not satisfactory, adjust using the  or  keys.
- 8 **Store**: press . The channel is stored.
- 9 Repeat steps 3 to 4 for each channel you wish to store.
- 10 To quit the menus, press .


Sort




(applicable to certain TV models only)

This feature allows you to rearrange channels according to your preference.


- 1 Press the  key. The **Main** menu is displayed on the screen.
- 2 With the cursor, select the **Install** menu followed by the **Sort** menu.
- 3 Use the  or  key to select the channel number you want to change



from (e.g. 001) and confirm selection with the  key.

- 4 Use the  or  key to select the channel number you want to change to (e.g. 004) and confirm selection with the  key.

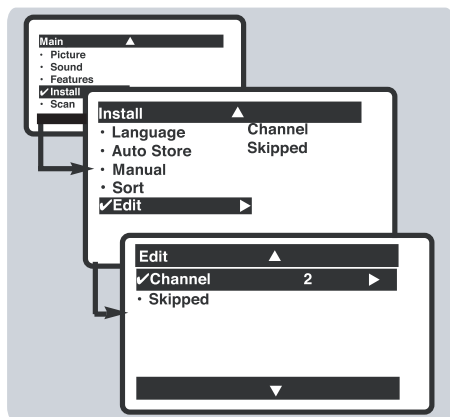
The change is done. Channel 4 will move up to channel 3 and channel 3 will move up to channel 2

- 5 Repeat steps 3 and 4 for each channel you wish to change.
- 6 To quit the menus, press .





Channel edit

This feature allows you to skip or edit channels which have bad or weak TV signal or channels you do not watch often.




Once a channel is skipped, you cannot have access to it by the Channel + or – key. You can only access the channels by the digit (0-9) keys.



(On screen display may differ from actual TV)

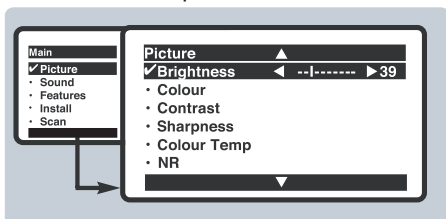
- 1 Press the  key. The **Main menu** is displayed on the screen.
- 2 With the cursor, select the **Install** menu followed by the **Edit** menu.
- 3 Enter into the menu and select the channel number you wish to skip by using the digit keys.
- 4 Then use the  key to select **Skipped**. Use the  key to select **On**.
- 5 Repeat steps 3 and 4 for each channel you wish to skip.
- 6 To quit the menus, press .

To restore skipped channels








- 1 Repeat steps 1 to 3 above.
- 2 Use the  key to select **Skipped** and the  key to select **Off**.
- 3 Repeat steps 1 and 2 for each channel you wish to restore.
- 4 To quit the menus, press .

Picture settings

- 1 Press  then . The **Picture** menu will be called up.






(On screen display may differ from actual TV)

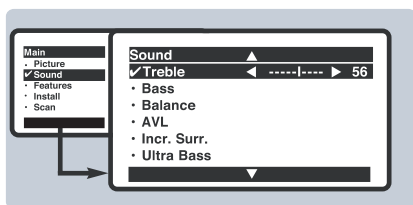
- 2 Use the  or  keys to select a setting and the  or  keys to adjust.
Note: during the picture adjustment, only the selected line remains displayed. Press  or  to display the menu again.
- 3 Press  to exit.

Description of the adjustments:

- **Brightness:** this changes picture brilliance.
- **Colour:** this changes the intensity of the colour.
- **Contrast:** this changes the difference between the light and dark tones.
- **Sharpness:** this changes the picture definition.
- **Hue:** this adjusts the skin colour tone in NTSC channel.
- **Colour Temp.:** this changes the colour rendering: Cold(bluer), Normal(balanced) or Warm(redder).
- **NR:** weakens picture noise (snow) in difficult reception conditions.
- **Contrast +:** automatic adjustment of the picture contrast which permanently sets the darkest part of the picture black.

Sound settings

- 1 Press , select **Sound** () and press . The **Sound** menu will be called up.



(On screen display may differ from actual TV)




- 2 Use the  or  key to select a setting and the  or  key to adjust.

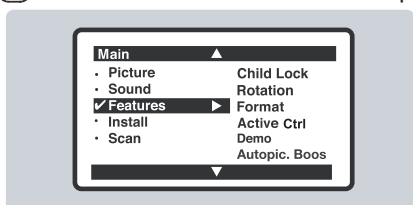
- 3 Press  to exit.

Description of the adjustments:



- **Treble:** this changes the high frequency sounds.
- **Bass:** this changes the low frequency sounds.
- **Balance:** this balances the sound on the left and right speakers.
- **AVL (Automatic Volume Leveller):** this is used to limit increases in sound, especially on channel change or advertising slots.
- **Incr. Surr. (Incredible Surround):** this will boost the effect of stereo sound.
- **Ultra Bass:** this is used to enhance bass output.

Features settings

- 1 Press , select **Features** () and press . The **Features** menu will be called up.



Description of the features:

- **Rotation:** large screen TVs are sensitive to terrestrial magnetic field variations. This setting is used to compensate by adjusting the picture rotation. Use the  or  key to adjust.
- **Child Lock, Format, Active Ctrl, Demo and Autopic Booster:** see explanation on the next few pages.


Child Lock

(applicable to certain TV models only)

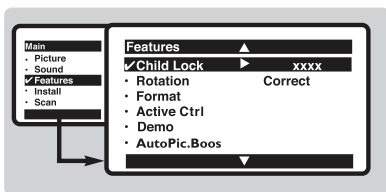
You can block certain channels or prevent use of the TV set completely.



Note: You can only access the locked channels via the remote control. Keep the remote control in a safe place.

- 1 Press , use the  key to select




Features and press the  key.

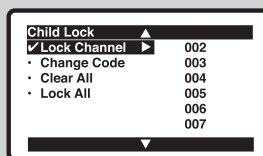
The **Features** menu is displayed.







- 2 Use the  key to select **Child Lock** and press the  key to enter.
- 3 Key in the 4-digit access code for the first time or if you have forgotten the code, enter **0711** twice. There will be a prompt to key in the **New Code**.
- 4 Key in your preferred code once and again to confirm.

The Child Lock menu is displayed.

- 5 Use the  or  key to select a function and the  key to enter or confirm selection.



Description of function:

Lock Channel: use the  or  key to select a channel number to lock and press the  key to confirm. The  symbol will display next to the channel that was locked.

Change Code: enter a new code and again to confirm.








Clear All: use to unlock all locked channels. Select **On** to activate.

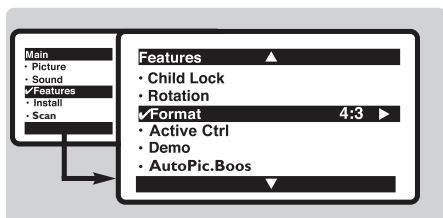
Lock All: use to lock all TV and external channels. Select **On** to activate.

- 6 Press .

Format

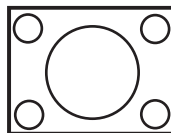
This feature enhances your viewing pleasure by providing you with a choice of two picture formats:- **4:3** and **Expand 4:3**.

- 1 Press , use the  or  key to select **Features** and press the  key. The **Features** menu is displayed.
- 2 Use the  key to select **Format** and press the  key to select **4:3** or **Expand 4:3**.
- 3 Press the  key to exit.



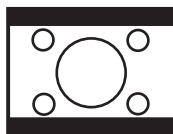
Description of function:

4:3 – select this format if you want to display a conventional picture using the full surface of the screen.

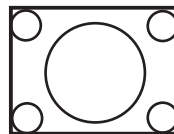


4:3

Expand 4:3 – select this format if you want to expand pictures transmitted in a 'letterbox' format (black horizontal bars at the top and bottom of the screen) to fill up the entire screen.



Letterbox

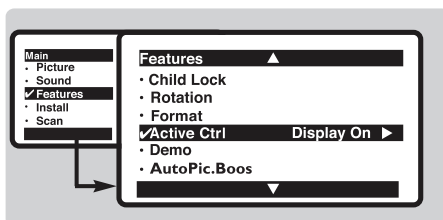





Expand 4:3

Active Control

(applicable to certain TV models only)

The Active Control monitors and adjusts incoming video signals to help provide the best picture quality. When you choose to turn the Active Control to On or Display On, the Brightness, Contrast, Sharpness, Contrast+ and NR (noise reduction) features are controlled automatically. Active Control adjusts these picture settings continuously and automatically.



- 1 Enter **Features** menu as described in "Features settings" on the previous page.
- 2 Use the  key to select **Active Control** and press the  key to select **Off**, **On** or **Display On**.
- 3 Press the  key to exit.

Description of option:

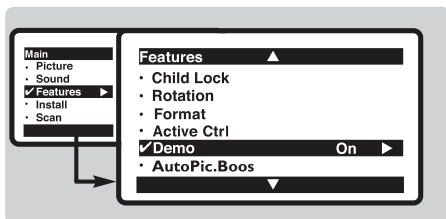
Off: the Active Control will not be activated.

On: the Active Control will work to give the viewer the best possible picture, but will not display the monitoring screen when channels are changed.

Display On: an Active Control monitoring screen will be shown for a few seconds whenever a channel is changed.

Demo

The split screen display shows the image performance before and after enhancements to present clearly the effects of the picture enhancement features.



- 1 Enter Features menu as described in “Features settings” on the previous page.
- 2 Use the key to select **Demo** and press the key to select **On** or **Off**.

The screen is split to dramatically show the comparative images side by side.



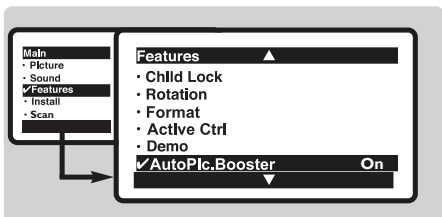
without picture enhancements

with picture enhancements

Automatic Picture Booster

If the transmission signal is weak, the built-in Automatic Picture Booster will increase the signal level to provide good pictures at all times. You have a choice to turn on or off the feature, depending on the signal conditions locally.

- 1 Enter Features menu as described in “Features settings” page.



- 2 Use the key to select **Autopicture Booster**.



- 3 Use the key to turn Autopicture Booster **On** or **Off**.

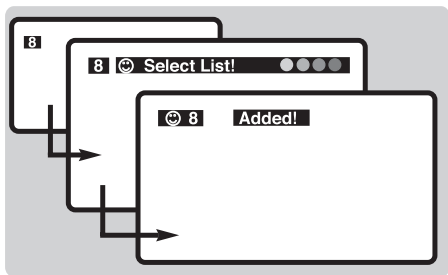
Personal Zapping

(applicable to certain TV models only)




A list or series of favourite TV programs can be selected and stored in the 4 coloured keys with the Personal Zapping feature. With this feature you can easily view up to a total of 10 preferred channels for each coloured key.

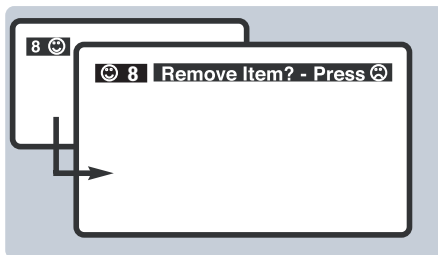
To add channels:

- 1 Select a channel with the digit keys.
- 2 Press  to display list.
- 3 Press your favourite colour key to store the channel in step 1.
- 4 Repeat steps 1 to 3 to store more channels.
- 5 Press  to exit.



To delete channels:

- 1 Select and press a colour key that has stored channels repeatedly to select the channel you want to delete.
- 2 Press  to display list.
- 3 Press  to remove channel.
- 4 Repeat steps 1 to 3 delete more channels.
- 5 Press  to exit.



To view channels:

Select and press a colour key that has stored channels repeatedly to select the channel you want to view.

Teletext

(applicable to TV with Teletext function only)

Teletext is an information system broadcast by certain channels which can be consulted like a newspaper. It also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language (cable networks, satellite channels, etc.).



Press:



Teletext call

0/9

Selecting a page



Direct access to the items



Contents



Enlarge a page

You will obtain:

This is used to call teletext, change to transparent mode and then exit. The summary appears with a list of items that can be accessed. Each item has a corresponding 3 digit page number.

If the channel selected does not broadcast teletext, the indication 100 will be displayed and the screen will remain blank (in this case, exit teletext and select another channel).

Enter the number of the page required using the digit, CH + or – or keys. Example: page 120, enter 1,2 and 0. The number is displayed on the top left, the counter turns and then the page is displayed. Repeat this operation to view another page.

If the counter continues to search, this means that the page is not transmitted. Select another number.

Coloured areas are displayed at the bottom of the screen. The 4 coloured keys are used to access the items or corresponding pages.

The coloured areas flash when the item or the page is not yet available.

This returns you to the contents page (usually page 100).

This allows you to display the top or bottom part of the page and then return to normal size.

Teletext

(applicable to TV with Teletext function only)



Press:



Stop sub-page acquisition



Hidden information



Favourite pages



Viewing favourite pages



Deleting Favourite pages

You will obtain:

Certain pages contain sub-pages which are automatically displayed successively. This key is used to stop or resume sub-page acquisition. The indication **HOLD** appears on the top left.

To display or hide the concealed information (games solutions).

For teletext programs 0 to 40, you can store 4 favourite pages which can then be accessed directly using the coloured keys (red, green, yellow, blue).

- 1 Press the key to enter teletext mode.
- 2 Display the teletext page that you want to store.
- 3 Press once.
- 4 Press any one of the coloured keys you want stored for this page.
- 5 The top left of the screen will display Added!
- 6 Repeat steps 2 to 5 to add more favourite pages to the remaining coloured keys.

In TV mode, press any of the coloured keys on the remote control to view your favourite pages that you stored as described above.

- 1 In TV mode, press the coloured key to display the favourite page.
- 2 When the page is displayed, press once.
- 3 Remove Item? - Press will be displayed on the top left of the screen. Press again to remove the favourite page.

Connecting peripheral equipment

The television has 4 sets of external sockets situated at the back of the set (AV1 in, AV2 in, YPbPr and Monitor out).

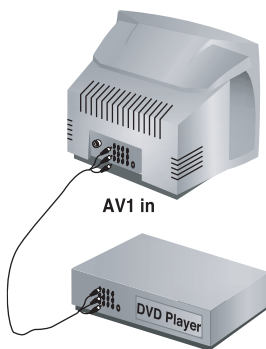
The AV1 in has Y, Pb, Pr and audio and video inputs.

The AV2 in has S-Video, audio and video inputs.

The Y, Pb, Pr has Y, Pb, Pr input (refer to details in "What's Hot" section).

The Monitor out socket has audio and video outputs.

DVD player



- 1 Connect the TV's green, blue and red Y Pb Pr (AV1 in) jacks to the corresponding COMPONENT VIDEO OUT jacks on the player.

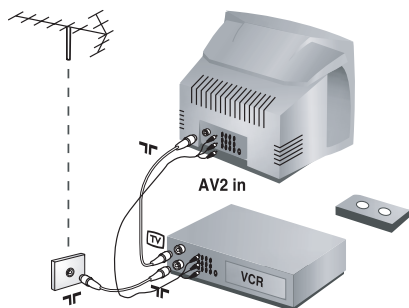
Note: Do not connect the AV1 VIDEO IN socket.

- 2 Connect the TV's red and white (R and L) AUDIO IN jacks to the corresponding AUDIO OUT jacks on the player. Match the cable colour to the jacks' colour. The red jack is the Right audio channel and the white jack is the Left audio channel.

- 3 Turn on the TV and DVD player. Set the TV to CVI and DVD background screen will come on the screen. You can now play your disc.

Note: You need to select the channel CVI manually to playback DVD disc.

Video recorder



- 1 Connect the TV's yellow, white and red (AV2 in) jacks to the corresponding Video and Audio jacks on the player.

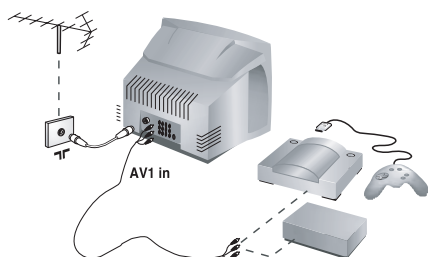
- 2 Connect the TV's red and white (R and L) AUDIO IN jacks to the corresponding AUDIO OUT jacks on the player. Match the cable colour to the jacks' colour. The red jack is the Right audio channel and the white jack is the Left audio channel.

- 3 Turn on the TV and VCR player. Set the TV to channel AV2. You can now play your video cassette tape.

Connection is also possible via the aerial cable. You will therefore need to tune in your video recorder's test signal and assign a channel number 0. Select channel 0 to playback.

Connecting peripheral equipment

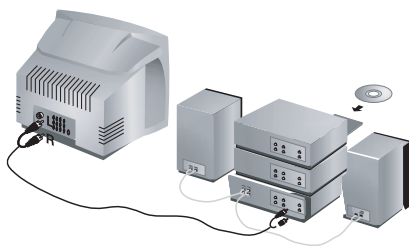
Other equipment



- 1 Carry out the connections shown opposite.
- 2 To optimise picture quality, connect the equipment which produces the video signals (digital decoder, games, etc) to AV1 in and equipment which produces the S-VHS signals (S-VHS and Hi-8 video recorders, certain DVD drives to AV2 in and all other equipment to either AV1 in or AV2 in).

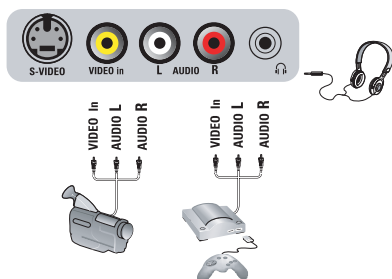
Note: Do not connect the VIDEO IN socket if you are using the S-VIDEO IN socket of the TV.



Amplifier



- 1 To connect to a hi-fi system, use an audio connection cable and connect the “L” and “R” outputs on the TV set to the “AUDIO IN” “L” and “R” input on your hi-fi amplifier. Make the connections as shown opposite.

Side connections



With the  key, select the channel Side. For a monophonic device, connect the audio signal to the AUDIO L input. Use the  key to reproduce the sound on the left and right speakers of the TV set.

Headphones


When headphones are connected, the sound on the TV set will be cut. The VOL + or – keys are used to adjust the volume level. The headphone impedance must be between 32 and 600 Ohms.

Tips



Poor reception

The proximity of mountains or high buildings may be responsible for ghost pictures, echoing or shadows. In this case, try manually adjusting your picture: see Fine Tuning (p. 8) or modify the orientation of the outside aerial. Does your antenna enable you to receive broadcasts in this frequency range (UHF or VHF band)? In the event of difficult reception (snowy picture) switch the **NR** on the **Picture** menu to **ON** (p. 9).

No picture

If the television does not switch on, press the standby key  (located on the remote control) twice. Have you connected the aerial socket properly? Have you chosen the right system? (p. 8). Poorly connected euroconnector cables or aerial sockets are often the cause of picture or sound problems (sometimes the connectors can become half disconnected if the TV set is moved or turned). Check all connections.

Blue screen

If the signal is interrupted or disconnected in teletext mode, you will get a blue screen display even if you reconnect the signal. You should press the  key (located on the remote control) to put the set on standby mode and press  again to turn on the set. Or you can power off and power on the set. This will restore the screen back to normal.


No sound

If on certain channels you receive a picture but no sound, this means that you do not have the correct TV system. Modify the System setting (p. 8).

Colour patches on screen

Switch off the TV by the mains power button and wait for about 20 minutes before switching on again.

Good picture but no sound

Try to increase the volume level. Check that the sound is not set to “mute”. If it is, press the  key to restore the sound.

Good sound but poor colour or no picture

Try to increase the contrast and brightness setting.

Snowy picture and noise

Check antenna connection at the rear of the TV.


Horizontal dotted lines

Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off the appliances.

Double or “Ghost” images

Possible poor positioning of antenna. Using a high directional antenna may improve reception.

Peripheral equipment gives a black and white picture

You have not selected the socket connection to the right channel with the  key: for example, AV1 in socket connection should select channel AV1 to playback. To play a video cassette, check that it has been recorded under the same standard (PAL, SECAM, NTSC) which can be replayed by the video recorder.

The remote control does not work

Check that the batteries are the right way round and there is no obstruction between the remote control and the TV. If the light indicator on the set no longer flashes when you use the remote control, replace the batteries.

Glossary

4:3

Refers to the ratio between the length and the height of the screen. Wide screen televisions have a ratio of 16:9 while conventional televisions have a ratio of 4:3.

4:3 Expand

The images recorded in "letterbox" format are expanded to fill the entire screen and the black horizontal bars at the top and bottom are removed.

Active Control

Is a unique, intelligent, and proactive control system, which measures and analyzes the incoming analog signal 60 times per second to automatically adjust settings for optimal picture quality.

Component video input (CVI)

Supports advanced video input (such as DVD) for superb colour purity, crisp colour detail and reduced colour noise-surpassing even that of S-Video!

Colour Transient Improver (CTI)

Color signals are processed to bring out subtle differences resulting in greater depth and enhanced color definition, as color bleed between color borders are eliminated. Therefore, there is an improved color definition and contrast without discoloration or blurring.

Luminance Transient Improver (LTI)

A new generation edge-enhancement technology which is applied directly to the video processing circuit to increase clarity and sharpness at the point of transition from the dark to light areas of the image. As a result there is an increase clarity and sharpness especially between dark and light areas of an image.

Contrast+

enhances the darker portions of the picture to improve its picture quality.

Personal Zapping

A Philips trade marked feature which allows any combination of favourite teletext pages or TV channels to be stored in the coloured Favourite Channels/Teletext keys. A total of 10 preferred channels/teletext pages of the same subject or user can be stored in each coloured key.

Scan Velocity Modulation (SVM)

It is an innovative circuit design to enhance edge details by varying the speed of the electron beam. It dramatically improves overall definition and contrast without any discoloration or blurring.

S-VHS Signals

These are 2 separate Y/C video signals from the S-VHS and Hi-8 recording standards. The luminance signals Y (Black and white) and chrominance signals C (colour) are recorded separately on the tape. This provides better picture quality than with standard video (VHS and 8 mm) where the Y/C signals are combined to provide only one video signal.

System

Television pictures are not broadcast in the same way in all countries. There are different standards: BG, DK, I, NTSC and SECAM. The system setting (p. 7) is used to select these different standards.

Specification

Product type

29PT8845, 34PT8845

PICTURE

- Picture screen diameter: 34" (850 mm)
29" (720 mm)
- Visible screen size: 32" (800 mm)
27" (680 mm)
- Picture Tube: Real Flat 4:3
- 100 Hz
- Progressive Scan
(Auto Switching with manual override)
- Scan Velocity Modulation
- 3D Digital Combfilter
- 3:2 Pulldown
- EDDI - Smoothing Edge De-interlacer
- Contrast
- Active Control Plus with Luminance
Transient Improver (LTI)
- Colour Transient Improver (CTI)
- Colour Temperature Control
- Black Stretch
- Smart Picture Modes
- Demo
- Digital Noise Reduction (DNR)

Sound

- Sound output: 20 W rms
- 2 on board speakers
- Stereo Sound
- Incredible Surround
- Smart Sound Modes
- Auto Volume Leveller

Ease of use

- Bilingual On-Screen-Display and menu
control
- 100 presets channel selection
- Personal Zapping
- Zappa Remote Controller

Teletext (on certain models only)

- Easy Text (10 pages)

Side Connections

- S-Video
- Video and Audio inputs
- Headphone out

Rear Connections

- AV1: 1 FH (CVI), Video and Audio inputs
- AV2: S-Video, Video and Audio inputs
- HD : 2 FH (HD)
- Monitor Out

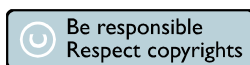
Reception

- Tuning system: PLL
- Colour Transmission system off-air: PAL I,
PAL D/K, NTSC M, SECAM BG, SECAM DK
- AV Connections: NTSC 3.58/4.43, PAL 4.43
- Stereo sound transmission system off-air:
NICAM BG/II/DK, 2CS BG/DK, FM (China)
- Channel selections: UVSH

Size and weight

- Mains: AC 100-250V, 50/60 Hz
- Net weight: 46 kg (29PT8845)
66 kg (34PT8845)
- Gross weight: 50 kg (29PT8845)
75 kg (34PT8845)
- Set dimensions: W x D x H mm
736 x 490 x 580 mm (29PT8845)
853 x 550 x 676 mm (34PT8845)

Note: Specification is subject to change without notice.



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